

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51)International Patent Classification⁶: C12N 15/12, C07K 14/475, C12N15/64,1/13, C12P 21/02	A1	(11)International Publication Number: WO00/17351 (43)International Publication Date: 30 March 2000 (30.03.2000)
(21)International Application Number: PCT/CN99/00139 (22) International Filing Date: 6 September 1999 (06.09.1999) (30) Priority Data: 98119758.2 22 September 1998(22.09.1999) CN (71)(72) Applicant/ Inventor: <u>YU, Long</u> [CN/CN]; Handan Road 220, Institute of Genetics, Fudan University, Shanghai 200433 (CN) (72) Inventor; and (75) Inventor/Applicant (for US only): <u>ZHANG, Honglai</u> [CN/CN]; <u>FU, Qiang</u> [CN/CN]; Handan Road 220, Institute of Genetics, Fudan University, Shanghai 200433 (CN); <u>ZHAO, Yong</u> [CN/CN]; 181-402, CaoYang Village No. 8, Shanghai 200062 (CN); <u>TU, Qiang</u> [CN/CN]; Handan Road 220, Institute of Genetics, Fudan University, Shanghai 200433 (CN) (74) Agent: Shanghai Patent & Trademark Law Office; Guiping Road 435, Shanghai 200233, P.R.China (CN)		(81)Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent(GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG) Published With international search report.
(54)Title: <u>NEW HUMAN HEPATOMA-DERIVED GROWTH FACTOR ENCODING SEQUENCE AND POLYPEPTIDE ENCODED BY SUCH DNA SEQUENCE AND PRODUCING METHOD THEREOF</u> (57)Abstract The invention provides a cDNA sequence of a new type II human hepatoma derived growth factor (HDGF2). The protein encoded by such sequence is a homology of type I HDGF. The present invention also relates to peptides encoded by the nucleotide sequences, to uses of these polynucleotides and polypeptides, and to methods for producing the said polynucleotides and polypeptides.		

097336-0464